

PERFILOV, V.G., inzh.; KARPOV, A.F.

A new turbocompressor for a 3,000 hp. diesel locomotive engine.
Energomashinostroenie 9 no.1:27-29 Ja '63. (MIRA 16:3)
(Compressors) (Diesel locomotives) (Diesel engines)

KARPOV, A.F.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Zurkov, P.E.		
Porov, S.I.		
Golevin, G.M.		
Karlov, A.F.		
Nikol'skiy, N.A.		
Shitov, I.S.		
Bulychev, V.V.		
Ogiyevskiy, V.M.		
Treyvus, M.N.		
Shtremt, A.A.		
Trofimov, G.V.		
Pushkarev, G.I.		
Markman, N.Ye.		
Tikhovidov, I.I.		
	"The Working of Iron Ores by the Open Pit Method"	Magnitogorsk Mining Metallurgical Institute imeni G. I. Nosov

SO: W-30604, 7 July 1954

KAPPOV, A. F.

BULYCHEV, V.V.; GOLOVIN, G.M.; ZURKOV, P.E.; KAPOV, A.F.; NIKOL'SKIY, N.A.; OGIEVSKIY, V.M.; POPOV, S.I.; TRIVUS, M.N.; SHITOV, I.S.; SHIRENT, A.A.; ZURKOV, P.E., kandidat tekhnicheskikh nauk, redaktor; KOMPANEYETS, V.P., kandidat tekhnicheskikh nauk, retsenzent; VAGANOV, P.V., kandidat tekhnicheskikh nauk, retsenzent; IKONNIKOV, A.N., kandidat tekhnicheskikh nauk, retsenzent; SAUKHAT, I.G., kandidat tekhnicheskikh nauk, retsenzent; NIKOLAYEV, S.I., retsenzent.

[Mining iron ore by the opencast method] Razrabotka zheleznykh rud otkrytym sposobom. Pod. obshchei red. P.E.Zurkova. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1953. 632 p.
(Iron mines and mining) (MLRA 7:8)

ABRAMOV, S.A., inzh.; ALIFANOV, I.N., inzh.; KARPOV, A.F., inzh.;
KOROTKOV, A.P., inzh.; KOLOSOV, B.P., inzh.; KUZNETSOV,
V.S., inzh.; NIKONOV, G.V., inzh.; REPIN, M.I., inzh.;
SEMENYUCHENKO, G.P., inzh.; SLOBODSKOY, L.M., inzh.;
TSUKANOV, Ye.V., inzh.; SHIFRIN, M.G., inzh.; BOL'SHAKOV,
A.S., inzh., retsenzent; KISELEVA, N.P., inzh., red.;
USENKO, L.A., tekhn. red.

[11D45 diesel locomotive] Teplovoznii dizel' 11D45. Moskva,
Transzheldorizdat, 1963. 95 p. (MIRA 16:7)
(Diesel locomotives)

L 31819-66

EWT(m)/EWP(w)/T/EWP(t)/ETI/EWP(k)

IJF(c)

MJW/JD/HW

ACC NR: AP6019498

(A)

SOURCE CODE: UR/0129/66/000/006/0007/0009

AUTHOR: Karpov, A. G.; Geydysh, I. S.

ORG: none

TITLE: Effect of mechanothermal treatment on the properties of 36NKhTYu, 36NKhTYuM8, and 42NKhTYu spring alloys

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 6, 1966, 7-9

TOPIC TAGS: nickel base alloy, chromium containing alloy, aluminum containing alloy, titanium containing alloy, spring alloy, alloy property, alloy treatment, mechanothermal treatment, treatment effect/36KhTYu alloy, 36NKhTYuM8 alloy, 42NKhTYu alloy

ABSTRACT: The effect of mechanothermal treatment on the properties of 36NKhTYu, 36NKhTYuM8, and 42KhNTYu nickel-base spring alloys has been investigated. Alloy sheets 0.465—0.316 mm thick were annealed at 970C (36NKhTYu), 1050C (36NKhTYuM8) and 910C (42KhNTYu), water quenched and subjected to mechanothermal treatment, cold rolled with 5—40% reduction to sheets 0.3 mm thick, and tempered at 690C for 3 hr (36NKhTYu and 42NKhTYu) or at 750C for 4 hr (36NKhTYuM8). It was found that mechanothermal treatment increased the alloy yield strength, hardness, and especially the limit of elasticity, but has little effect on the dynamic modulus of elasticity or on the tensile strength of the 36NKhTYu alloy. The tensile strength of 42NKhTYu and 36NKhTYuM8 alloys increased with increasing reduction. The elongation of all

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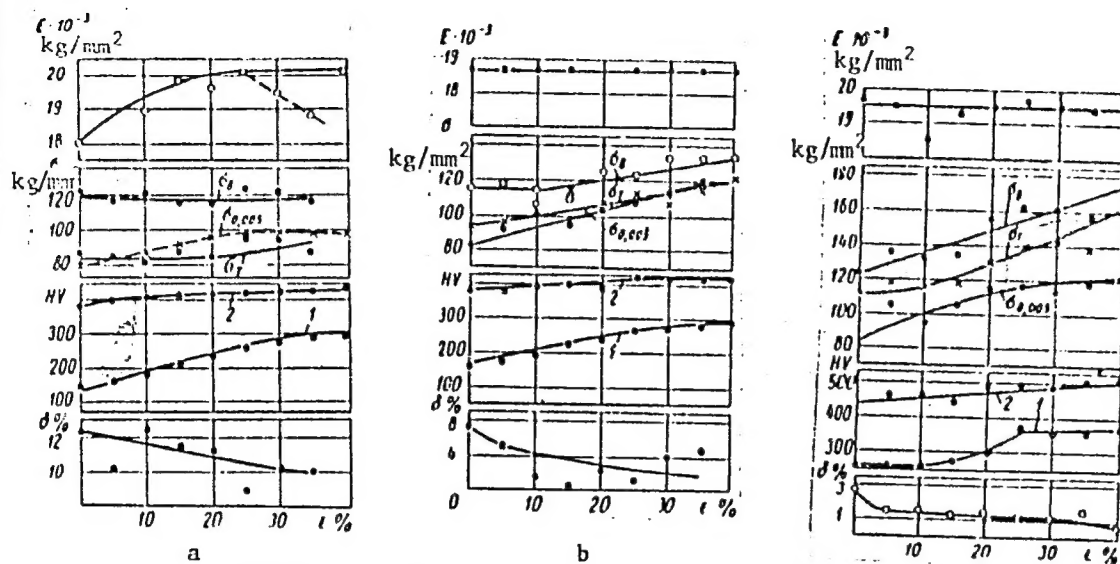


Fig. 1. Effect of plastic deformation on properties of alloys before tempering

a - 36NKhTYu alloy; b - 36NKhTYuM8 alloy; c - 42NKhTYu alloy,
1 - hardness before tempering; 2 - after tempering.

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ACC NR: AP6019498

tested alloys decreased with the increase of reduction (see Fig. 1). Thus, mechano-thermal treatment improves the characteristics of elasticity of spring alloys and is especially promising for treating parts whose further fabrication does not require high plasticity. Orig. art. has: 1 figure. [ND]

SUB CODE: 13, 11/ SUBM DATE: none/ ORIG REF: 001/ ATD PRESS: 5020

Card 3/3 *g*

KARPOV, A.G.; SOROKIN, M.I.

Computers serve the economy. Stal' 23 no.12:1122-1123 D '63.
(MIRA 17:2)

1. Volgogradskiy metallurgicheskiy zavod "Krasnyy Oktyabr'".

KARPOV, A. I.

KARPOV, A. I. "The Acclimatization of Soviet Race-Horse Breeds in Uzbekistan."
Min Higher Education USSR. Tashkent Agricultural Inst. Tashkent,
1956. (Dissertation for the Degree of Candidate in Agricultural
Science)

So: Knizhnaya Letopis', No. 19, 1956.

USSR/Farm Animals - Horses

Abs Jour : Ref Zhur - Biol., No 15, 1958, 69248

Author : Karpov, A.I.

Inst : Tashkent Agricultural Institute

Title : Acclimatization of Soviet Trotter Breeds of Horses in Uzbekistan

Orig Pub : Tr. Tashkentsk. s.-kh. in-t, 1957, vyp. 8, 97-104

Abstract : From 1950 on, the Orel and Russian Trotters were brought from the European part of the USSR into Uzbekistan in order to develop a larger type of agricultural horse for cotton farms. Data resulting from three-year zootechnican observations and investigations (hematological, clinical, electrocardiographical) indicate that Trotter horses acclimatize well in Uzbekistan.

Card 1/1

KARPOV, A. I.

Breakdown of papermaking machines. A. I. Karpov. *Sovetskoye Prois.* 16, No. 8, 227 (1938). The causes of frequent damages and measures for preventing them are discussed. Chas. Blanc

A 54-514 METALLURGICAL LITERATURE CLASSIFICATION

KARPOV, A.I., glavnyy mekhanik; YAKUSHIN, I.T., inzhener-konstruktor.

Improving parchmentization machines. Bum.prom. 31 no.10:22-23 0 '56.
(MIRA 10:1)

1. Vtoraya Leningradskaya bumazhnaya fabrika.
(Leningrad--Papermaking machinery)

1. V. I. kand. tekhn. nauk.

Resistance of elbows with small curvature radius in pneumatic conveying. Izv. vyslucheb. zav., energ. 5 no. 4-5:1-77 Ag '62, 1977.

2. Tomskiy elektromekhanicheskiy institut im. V. I. Steleznerovskogo transporta. Predstavlena kachestvaya teplotekhnika.

KARPOV, A. I. Cand Tech Sci -- "Study of the initial ^{section} ~~part~~ and local hydraulic resistances under conditions of pneumatic ^{conveying} ~~transport~~." Minsk, 1980 (Min of Higher and Secondary Specialized Education BSSR. Belorussian Polytechnic Inst in I. V. Stalin): (KL, 1-61, 193)

-193-

S/081/61/000/019/039/085
B110/B101

AUTHOR: Karpov, A. I.

TITLE: Borda's problem under the conditions of pneumatic transport
in horizontal tubes

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 19, 1961, 236, abstract
19116 (Sb. nauchn. tr. Tomskiy elektromekhan. in-t inzh.
zh.-d. transp., v. 29, 1960, 159 - 167)

TEXT: The article deals with the influence of the following factors on the hydraulic resistance during a sudden increase of the diameter: velocity of two-phase flow, concentration μ of the transported material, degree of expansion of flow, and size and density of the particles. Tests were carried out for a wide velocity range using various materials (quartz sand, millet) in concentrations between 0.3 and 2.7. Diagrams for the longitudinal pressure drop in the tube at a sudden increase of the tube diameter are given. It was found that the resistance coefficient at a sudden expansion with $\mu = \text{const}$ is a function of two quantities, i. e.,

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Borda's problem under the conditions...

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B110/B101

the degree of expansion and the relative particle velocity, and is independent of the velocity of flow. The authors give equations for determining the additional resistance due to the sudden expansion of the two-phase flow, and the total resistance along the section of sudden expansion during pneumatic transport. [Abstracter's note: Complete translation.]

Card 2/2

KARPOV, A.I., inzh.

Investigating the effect of basic properties of transported material on resistance in elbows and outlets in pneumatic transportation. Izv.vys.ucheb.zav.; energ. 3 no.5:138-143
My '60. (MIRA 13:6)

1. Belorusskiy institut inzhenerov zheleznodorozhnogo transporta. Predstavlena kafedroy gidravliki i teplo tekhniki.
(Pneumatic-tube transportation)

KARPOV, A.I.

Resistance of horizontal tubes in pneumatic transportation of grain products. Izv. vys. ucheb. zav.; pishch. tekhn. no.4:134-139 '61.
(MIRA 14:8)

1. Belorusskiy institut inzhenerov zheleznodorozhnogo transporta,
kafedra gidravliki i teplotekhniki.
(Pneumatic-tube transportation)

KARPOV, A.I., kand.tekhn.nauk

Use of radioactive indicators in the experimental study of the velocity of particles and resistances in pneumatic transportation. Izv. vys. ucheb. zav.; energ. 4 no.3: 75-81 Mr '61. (MIRA 14:3)

1. Belorusskiy institut inzhenerov zheleznodorozhnogo transporta
Predstavlena kafedroy gidravliki i teplotekhniki.
(Pneumatic tube transportation)

DOGIN, M.Ye.; KARPOV, A.I.

Calculating the resistance of the runway in pneumatic transportation
Inzh.fiz.zhur. 4 no.7:47-51 J1 '61. (MIRA 14:8)

1. Elektromekhanicheskiy institut inzhenerov zheleznodorozhnogo
transporta, Tomsk.
(Pneumatic-tube transportation)

KARPOV. A.I., kand.tekhn.nauk

Effect of the configuration of bends and branch pipes on resistance
in pneumatic tube transportation. Izv.vys.ucheb.zav.; energ. 4
no.9:85-87 S '61. (MIRA 14:10)

1. Belorusskiy institut inzhenerov zheleznodorozhnogo transporta.
Predstavlena kafedroy gidravliki i teplotekhniki.
(Pneumatic-tube transportation)

KARPOV, A.I.

Hydraulic resistance of the particle acceleration zone and pipe
bends in the pneumatic-tube transportation of chalk. Kauch. i
rez. 20 no.6:32-36 Je '61. (MIRA 14:6)

1. Belorusskiy institut inzhenerov zheleznodorozhnogo transporta,
g. Gomel'.

(Pneumatic-tube transportation)
(Chalk)

KARPOV, A.I.

Pipeline for transporting and heating viscous petroleum products. Mash. i nef't, obor. no.2:19-23 '64. (MIRA 17:8)

1. Upravleniye "Bashkirenergo".

KARPOV, A.I., kand. tekhn. nauk, dotsent

Hydraulic resistance of the initial sector to the motion of a
gas suspension. Izv. vys. ucheb. zav.; energ. 7 no.9:103-105
S '64. (MIRA 17:11)

1. Ukrainskiy Institut Inzhenarov vodoego khozyaystva. Predstavlena
kafedroy gidravliki.

~~KARPOV, A.K.~~ KARP, I.I.

Acute torsion of the fibromyomatous uterus in a male hermaphrodite.
Akush. i gin. 35 no.3:121-122 My-Je '59. (MIRA 12:8)

1. Iz khirurgicheskogo otdeleniya (zav. - A.K.Karpov) bol'nitsy
sanitarnogo otdela stroitel'stva Kuybyshevskoy gidroelektro-
stantsii.

(HERMAPHRODITISM, case reports

hermaphroditism, male, with acute torsion of
leiomyomatous uterus (Rus))

(UTERUS NEOPLASMS, case reports

leiomyoma, with acute torsion of uterus in
male hermaphroditism (Rus))

(LEIOMYOMA, case reports

uterus, with acute torsion in male hermaphroditism
(Rus))

KARPOV, A. K.

11
The chemical characteristics of the natural gases of the
Donetsk, the Ukraine, and the Stalingrad regions. A. K.
Karpov. *Gazovye Prom.* 1957, No. 7, 9-14. The widely
varying composition of the gases of the principal producing
regions of the U.S.S.R. are presented in 3 voluminous tables.
Extremes range from the product of a Rodchenko well with
CH₄ 65.6, C₂H₆ 10.2, C₃H₈ 12.2, C₄H₁₀ 4.9, C₄H₆ 2.8, and
N 0.7% with a thermal value of 11,700 kcal./cu. m. (1290
B.t.u./cu. ft.) to that from a well in the same region with
CH₄ 85.6, C₂H₆ 0.10, C₃H₈ 0.03, C₄H₁₀ 0.12, and N 14.1%
with a thermal value of 9850 kcal./cu. m. (788 B.t.u./cu.
ft.).
H. L. Gilman

KARPOV, A.K.

Chemical properties of natural gas from the Volga region, from
the southeastern part of the Tatar A.S.S.R., western Bashkiria
and northern districts. Gaz.prom. no.10:1-7 0 '57. (MIRA 10:10)
(Gas, Natural)

KARPOV, A.K.; SIMONENKO, V.F.

Methods of studying the hydrogen sulfide content of natural gases.
Gaz.prom. 5 no.6:11-13 Je '60. (MIRA 13:6)
(Gas, Natural) (Hydrogen sulfide)

ZARENKO, L.K., kand. fiz.-mat. nauk; KARFOV, A.K., inzh.; LEGOSTAYEV, P.Ya., kand. tekhn. nauk; BRGDSKIY, Yu.M., kand. tekhn. nauk; KHARENOV, N.S., inzh.; KHODANOVICH, I.Ye., kand. tekhn. nauk; BRISKMAN, A.A., kand. tekhn. nauk; GORODETSKIY, V.I., inzh.; NIKITIN, A.A., inzh.; GILL', B.V., inzh.; KRAYZEL'FAN, S.M., inzh.; DZHAFAROV, M.D., inzh.; LUNEV, A.S., kand. tekhn. nauk; NIKITENKO, Ye.A., inzh.; YERSHOV, I.M., kand. tekhn. nauk; ZAYTSEV, Yu.A., inzh.; MAGAZANIK, Ya.M., inzh.; SHAROVATOV, L.P., inzh.; RABINOVICH, Z.Ya., inzh.; BIBISHEV, A.V., inzh.; ASTAKHOV, V.A., dots.; KOMYAGIN, A.F., kand. tekhn. nauk; ANDERS, V.R., inzh.; SERGOVANTSEV, V.T., kand. tekhn. nauk, dots.; UTKIN, V.V., inzh.; KUZNETSOV, P.L., inzh.; MAMAYEV, M.A., inzh.; SVYATITSKAYA, K.P., ved. red.; FEDOTOVA, I.G., tekhn. red.

[Handbook on the transportation of combustible gases] Spravochnik po transportu goriuchikh gazov. Moskva, Gostoptekhizdat, 1962. 887 p. (MIRA 15:4)
(Gas, Natural--Transportation)

KARPOV, A.K.; NARIZHNAYA, V.Ye.

Geochemical characteristics of natural gases of the Kyzyl-Tumshuk field in Tajikistan. Gaz. delo no.1:30-36 '63.
(MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnkh gazov i Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta prirodnkh gazov.
(Vakhsh Valley—Gas, Natural—Analysis)

KARPOV, A.K.; FROLOVSKIY, P.A.; SHOROKHOV, N.R.; FILATOVA, Z.S.

Device for the continuous determination of the moisture content
of natural gases. Gaz. prom. 7 no.4:37-43 '62 (MIRA 17:7)

KARFCV, A. M. Cand. Tech. Sci.

Dissertation: "Concerning the Layout Profile of Hump Yards." Moscow Order of Lenin
Inst of Railroad Engineers imeni I. V. Stalin, 26 Feb 47.

SO: Vechernyaya Moskva, Feb, 1947 (Project #17836)

BUZANOV, S.P., prof.; KARPOV, A.M., kand.tekhn.nauk

Improving the shape of humps and half humps. Zhel.dor.transp.
40 no.4:49-50 Ap '58. (MIRA 13:4)
(Railroads--Hump yards)

BUZANOV, S.P., prof., doktor tekhn. nauk; KARLOV, A.M., kand. tekhn. nauk

Automation of classification ramps. Zhel. dor. transp. 4b
no.4:88-91 Ap '64.

(MIRA 17-6)

KARPOV, A. I.

Jarretsonnikov, V. V. and Karlov, I. M. "The stereographic analysis of electrocatalysis in calcium electrolytes", Dokl. Akad. Nauk SSSR (English transl. in: Russian), No. 11, 1948, p. 137-47.

So: V-2061, 10 April 49, (Letopis 'Zhurnal 'nykh Staty, No. 12, 1949).

BUZANOV, S.P., prof., doktor tekhn. nauk; KARPOV, A.M., kand. tekhn. nauk

Various types of the simplest classification yard systems.
Zhel. dor. transp. 45 no.3:33-37 Mr '63. (MIRA 16:6)

(Railroads--Hump yards)

KARPOV, A.M., dotsent, kand. tekhn. nauk

Ways for further expanding and technically equipping
classification stations. Trudy NIIZHT no.29:3-19 '62.

Calculating the traffic carrying capacity and the needed track
expansion volume of station throats. 61-67

Hump yard throats for mechanized and automated classification
humps. 68-91 (MIRA 16:10)

KARPOV, A.M., dotsent, kand. tekhn. nauk; ALEKSEYEV, V.T., aspirant

Design and planning of the simplest classification systems.
Trudy NIIZHT no.29:128-149 '62. (MIRA 16:10)

BUZANOV, S.P.; KARPOV, A.M.; RODIMOV, B.A., redaktor; VERINA, G.P.,
tekhnicheskii redaktor.

[Planning and arrangement of railroad hump yards] Proektirovanie
sortirovochnykh gorok i polugorok i ikh ustroistvo. Moskva, Gos.
transp. zhel-dor. izd-vo, 1954. 238 p. (MLBA 8:2)
(Railroads--Stations)

GALIYEV, I.; KARPOV, A.M.

Device for connecting the perforator-gun with the cable.
Razved. 1 prom.geofiz. no.10:53-54 '54. (MIRA 13:2)
(Prospecting--Equipment and supplies)

KARPOV, A.M., professor.

Problem of ventilating long, dead-end stopes in mines of the
Donets Basin. Ugol' 29 no.2:24-27 F '54. (MLRa 7:1)

1. Novocherkasskiy politekhnicheskiy institut im. Sergo Ordzhonikidze.
(Donets Basin--Mine ventilation)

KARPOV, A.M., professor; FROLOV, M.A., kandidat tekhnicheskikh nauk;
CHUKHONTSEV, N.F., starshiy prepodavatel'.

Analyzing a case of booster fan performance in a mine ventilation
system. Ugol' 30 no.11:32-35 N '55. (MLRA 9:2)

1. Novocherkasskiy politekhnicheskiy institut.
(Donets Basin--Mine ventilation)

KARPOV, A.M., professor; FROLOV, M.A., kandidat tekhnicheskikh nauk;
CHUKHONTSEV, N.F., dotsent.

Improving the ventilation of a large anthracite mine.
Nauch. trudy NPI 32:71-83 '55.

(MLRA 10:2)

(Donets Basin--Coal mines and mining)
(Mine ventilation)

KARPOV, A.M., prof.; ARTEMOV, A.V., gornyy inzh.

~~Effect of ventilation intensity on coal strength and ways to use this~~
phenomena for the control of sudden ejections of coal and gas.

Ugol' 33 no.3:25-29 Mr '58.

(MIRA 11:3)

(Mine ventilations) (Mine accidents)

KARPOV, A.M., prof.

Downward ventilation in Donets Basin gaseous mine stopes. Ugol' Ukr.
3 no.2:5-8 F '59. (MIRA 12:3)

1. Novocherkasskiy politekhnicheskii institut.
(Donets Basin--Mine ventilation)

СЕРГОВ, А.А., проф.; ЛУКОВ, Л.П., инж.

Содержит несколько страниц из 1-й серии. Угол' 34 по.5:42-44. 17 '68.
(MIRA 12:7)

Л. М. Соколовский политехнический институт.
(Coal mines and mining)

KARPOV, A.M.

Interaction of ventilation of combined mines having different
ventilation conditions. Sbor. trud. Inst. gor. dela AN URSSR
no.7:136-148 '61. (MIRA 15:1)
(Donets Basin---Mine ventilation)

BOBROV, Ivan Vladimirovich; ZAYTSEV, A.P., retsenzent; CHERNOV, O.I., retsenzent; KARPOV, A.M., otv. red.; RATNIKOVA, A.P., red. izd-va; BOLDYREVA, Z.A., tekhn. red.; PROZOROVSKAYA, V.L., tekhn. red.

[Safe methods of carrying out development workings in seams subject to sudden outbursts of coal and gas] Sposoby bezopasnogo provedeniia podgotovitel'nykh vyrabotok na plastakh, opasnykh po vnezapnym vybrosam uglia i gaza. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 257 p.
(MIRA 15:2)

(Donets Basin--Mine gases)

RUDCHENKO, V.P.; KARPOV, A.M., prof.; VOZIYANOV, A.F., kand.tekhn.nauk.

Possibility of using downward ventilation in the stopes of steeply dipping Donets Basin seams. Ugl' Ukr. 5 no.3:1-4 Mr '61.

(MIRA 14:3)

1. Glavnyy inzh.kombinata Stalinugol' (for Rudchenko).
(Donets Basin—Mine ventilation)

PECHUK, Isaak Moiseyevich; KARPOV, A.M., prof., otv. red.; PECHKOVSKIY,
V.I., red.; LIBERMAN, T.R., tekhn. red.

[Penetration of gases through fractured rocks into houses and
workings] Proniknovenie gazov po treshchinovatykh porodam v po-
meshcheniia i vyrabotki. Kiev, Izd-vo Akad. nauk USSR, 1962.
110 p. (MIRA 15:11)

(Mine gases)

KARPOV, A.M., prof.

The 70th birthday of Professor I.M.Pechuk. Bezop.truda v prom.
6 no.4:22 Ap '62. (MIRA 15:5)
(Pechuk, Isaak Moiseevich, 1891-)

KARPOV, A.M., prof.; PATRUSHEV, M.A., kand.tekhn.nauk

Unstable direction of air escape. Bezop.truda v prom. 6 no.8:31-33
Ag '62. (MIRA 16:4)

1. Institut gornogo dela im. M.M.Fedorova AN UkrSSR.
(Mine ventilation)

KARPOV, A.M.; DZHAKUPBAYEV, A.N.

Using a temporary system of mine filling with concrete
at the Tekeli mine. Trudy Inst. gor. dela AN Kazakh. SSR
19:115-118 '65. (MIRA 18:12)

BUZANOV, Stepan Petrovich, prof.; KAPOV, Aleksandr Mikhaylovich,
dots.; KYTSAREV, Mikhail Alekseyevich, inzh.; FREDE,
V.Yu., red.

[Design of mechanized and automated classification systems]
Proektirovanie mekhanizirovannykh i avtomatizirovannykh
sortirovochnykh ustroystv. Moskva, Transport, 1965. 231 p.
(MIRA 18:4)

KARFOV, A. N.

"Investigation of the Performance of Special copying-Milling Machines for Propeller Blades." Thesis for degree of Cand. Technical Sci. Sub 26 June 50, All-Union Correspondence Polytechnical Inst (Min of Higher Education USSR)

Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva, Jan-Dec 1950.

KARPOV, A.N., inzhener.;MARGUS, M.Ye., inzhener.

Using radioactive isotopes in building the Stalingrad Hydro-
electric Power Station. Gidr. stroi. 26 no.2:26-27 F '57. (MLRA 10:4)
(Stalingrad hydroelectric power station)
(Radioisotopes--Industrial applications)

KARPOV, A. N.

23322. Taksatsiya kruglogo lesa. V sb: issledonaviya po les. zhov-vy. L.,
1948 /na obl: 1949/ c.245-53.

SO: LETOPIS' NO. 31, 1949

KARPOV, A. N.

"Modifications of the Blood in the Case of Intravenous Introduction of Medicinal Substances." Thesis for degree of Cand. Veterinary Sci. Sub. 2 Jun 49, Moscow Veterinary Academy.

Summary 82, 18 Dec 52, Dissertations Presented For Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

KARPOV, A. N.

Karpov, A. N. - "On the mechanical nature of the sensitivity of skin receptors", Trudy Sarat. gos. med. in-ta, Vol. VI, 1947, p. 295-314.

SO: U-4631, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 24, 1949).

KARPOV, A. N., dotsent

Structure and function of human cutaneous receptors. Vest. dermat. i
ven. 34 no.1:10-13 Ja '60. (MIRA 1/:12)

1. Iz kafedry fiziki Stalingradskogo meditsinskogo instituta.

(SKIN--INNERVATION)

SOV-98-58-2-6/21

AUTHORS: Karpov, A.N., and Iordanskiy, I.Ye., Engineers

TITLE: The Reconstruction of the Shores of the Tsimlyanskoye Water Reservoir (Pererabotka beregov Tsimlyanskogo vodokhranilishcha)

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, 1958²¹, Nr 2, p 27 (USSR)

ABSTRACT: To obtain factual material on the rebuilding of the shores of large water reservoirs, the profiles of shores consisting of various rock formations were studied at the Tsimlyanskoye Water Reservoir in 1953. The measuring of the shores at the selected sections was carried out for 3 years. Figures 1 and 2 show the results of the observations, which have led to the preliminary conclusion that it is possible to forecast the amount of erosion of sandy shores. Little is known about the form of shores consisting of rocks which convert

Card 1/2

SOV-98-58-2-6/21

The Reconstruction of the Shores of the Tsimlyanskoye Water Reservoir

easily into a suspension state.
There are 2 diagrams.

1. Inland waterways--USSR 2. Beaches--Erosion

Card 2/2

KARPOV, A. N.

Temperature coefficient of adsorption from solutions.
I. V. P. Mishin and A. N. Karpov. *Colloid J.* (U. S. S. R.) 2, 305-15 (1930). - Adsorption isotherms are given for Ca glycerophosphate (I) at 0°, 20°, 50° and 75° and for Ca butyrate (II) at 0.50° and 75° on birch charcoal activated by boiling in dil. HCl for 5 days, and heating at 350°. I has a pos. and II a neg. temp. coeff. as shown by the table. For I the adsorption ratios are about 1:12.

	Ca glycerophosphate				Ca butyrate			
C	7.50	13.75	17.00	23.75	10.0	15.0	25.0	
0°	2.49	3.10	3.32	3.07	12.1	10.1	21.0	
20°	3.07	4.70	3.05	4.32				
50°	3.52	4.17	4.42	4.84	10.5	13.7	19.6	
75°	4.00	4.75	5.05	5.46	0.2	12.5	18.0	

1:35-1:5 and for II 1:0-0:0-0:0. II. V. P. Mishin and E. E. Polochanskaya. *Ibid.* 3:17-22. - Dipropylmalonic ester was obtained by boiling 11.5 g. Na in alc. with 41.5 g. malonic ester and then with 113 g. P₂O₅ or 81.7 g. P₂Hr; 2 hrs. was used for each. Alc. was boiled off and the aq. soln. extd. with ether, dried and distd. giving 21 g. of ether b. 248-50°. Dipropylmalonic acid was obtained by hydrolysis of 21 g. of the ester by 27 g. KOH in 340 g. alc. boiled for 3 hrs. The aq. soln. was acidified, extd. with ether and crystd. from CHCl₃. Dipropylacetic acid was obtained from the malonic acid by heating at 180-200°.

The yield of Ca salt obtained was 0.5 g. The adsorption isotherms of Ca dipropylacetate were measured at 20.5°, 50° and 75° on birch charcoal by detn. of the salt left in soln. The ratios of the adsorptions for all contents at these temps. are about 1:1.2-1.3-1.3. F. H. R.

SHEMYAKIN, F. M. Prof., ~~KARPOV, A. N., Docent~~
ZELIKSON, YU. I., SHEKHTER, L. I.

Chemistry, Analytical - Quantitative

Quantitative determination of copper by the maximum dilution method. Apt. delo no. 4,
1952.

Monthly List of Russian Accessions, Library of Congress. November 1952, UNCLASSIFIED.

KARCOV, A. N.

Chemists

Twenty-fifth anniversary of the scientific activities of Prof. F. M. Shemyakin.
Kol'. zhur. 14 No. 4, 1952

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED.

SHEMYAKIN, F.M.; KARPOV, A.N.; MEDVEDEVA, N.K.; DOBRYNINA, V.I., dotsent, direktor. ~~XXXXXXXXXXXXXXXXXXXX~~

Chromatograms of vegetable extracts. Apt.delo 2 no.3:19-22 My-Je '53.
(MLRA 6:6)

1. Moskovskiy farmatsevticheskiy institut Ministerstva zdравookhraneniya
SSSR. (Extracts) (Chromatographic analysis)

KARPOV, A. N.

② 5
Chromatography of alkaloid reactions. F. M. Shemyakin, A. W. Karpov, and N. K. Medvedeva (*Dokl. Akad. Nauk. SSSR*, 1953, 80, 399-402).—The various standard reactions for alkaloids are much more specific if carried out chromatographically in a column (Al_2O_3) or on paper. The reactions of morphine, with HNO_3 , H_2SO_4 , HNO_3 , H_2SO_4 , NH_4 vanadate, FeCl_3 , ammoniacal Ce nitrate (very strong coloration), of codeine with HNO_3 , H_2SO_4 , FeCl_3 , and Fricde's reagent, and various methods of determining both alkaloids in a mixture, are described.

R. C. MURRAY.

SHEMYAKIN, F.M.; KARPOV, A.N.

Results of the study of rapid analysis of drugs in Moscow
pharmacies and prospects of applying semimicroanalytic methods
in pharmacies. Apt.delo 3 no.1:31-33 Ja-F '54. (MLRA 7:1)
(Moscow--Pharmacy) (Drugs--Adulteration and analysis)

KARPOV, ALEKSEY NIKIFOROVICH

SHEMYAKIN, Fedor Mikhaylovich; KARPOV, Aleksey Nikiforovich; BRUSENTOV,
Aleksandr Nikolayevich; KUVSHINSKIY, M.N., red.; LYUDKOVSKAYA, N.I.,
tekhn.red.

[Analytical chemistry] Analiticheskaya khimiya. Moskva, Gos. izd-vo
med.lit-ry. Pt.1. [Qualitative chemical semimicroanalysis for
students at pharmaceutical institutes] Kachestvennyi khimicheskii
polumikroanaliz dlia studentov farmatsevticheskikh institutov.
1957. 389 p. (MIRA 11:6)

(Chemistry, Analytical--Qualitative)

SHEMYAKIN, F.M.; KARPOV, A.N.

Possibility of employing compounds of alkaloids with dyes in analytical chemistry. Sbor. nauch. rab. MFI 2:34-39 '59.

(MIRA 14:1)

1. Kafedra analiticheskoy khimii (zav. - prof. F.M. Shemyakin)
Moskovskogo farmatsevticheskogo instituta.
(DYES AND DYEING) (ALKALOIDS)

SHEMYAKIN, F.M.; ~~KARPOV, A.N.~~

Method for standardizing adsorbents. Sbor. nauch. rab. MFI 2:61-
65 '59. (MIRA 14:1)

1. Kafedra analiticheskoy khimii (zav. - prof. F.M. Shemyakin)
Moskovskogo farmatsevticheskogo instituta.
(ADSORBENTS)

SHEMYAKIN, F.M.; KARPOV, A.N.; BRUSENTOV, A.N.; KUVSHINSKIY, M.N.,
red.; LYUDKOVSKAYA, N.I., tekhn.red.

[Analytical chemistry] Analiticheskaya khimiya. Moskva, Gos.
izd-vo med.lit-ry. Pt.2. [Quantitative chemical analysis]
Kolichestvennyi khimicheskii analiz. 1960. 389 p.

(MIRA 13:12)

(Chemistry, Analytical--Quantitative)

SHENYAKIN, F.M.; KARPOV, A.N.

"Practical manual on pharmaceutical chemistry." Edited by F.L.
Senov [prof.]. Reviewed by F.M.Sheniakin, A.N.Karpov, Apt. delo
10 no.3:88-89 My-Je '61. (MIRA 14:7)
(CHEMISTRY, MEDICAL AND PHARMACEUTICAL)
(SENOV, P.L.)

Karpov, A.

441-315
Karpov, A. G. *Goluboi tsvet neba i lokal'nye spektrymetrii*. [The blue color of the sky from the viewpoint of spectrometry]. *Meteorologicheskii Vestnik*, Leningrad, No. 1/2:17-20, Jan./Feb., 1933. 6p., 5 tables, 2 refs. **DLC**—Method and results of 113 spectrometric measurements of the blue region of the sun's spectrum (from 435 to 830 mμ wave length) at zenith and light reflected from clouds and other objects made at Tsaritsyn Meteorological Station near Saratov on the Volga from Jan. 1, 1931 to Jan. 25, 1932, are presented and discussed. They show that the variations of the blue color coincides exactly with the radiation variation. **Changes of the sky's coloring and a decrease of the blue part were observed in connection with S. winds bringing smoke from the city or in presence of a snow cover in winter or a green cover in spring.** *Sergei Rodiger*. 1. Sky light color 2. Sun's spectrum.—A. H. P.

Suppl.

2006

~~K~~ARPOV, A. N.

PA 34T81

USSR/Physics
Solar Phenomena
Actinometry

Mar 1947

"Actinometric Observations during the 9 Jul 1945 Solar
Eclipse," A. N. ~~K~~arpov, 1 p

"Priroda" No 2

Short description of the observations taken from
Saratov, of the solar eclipse which took 16 hours and
30 minutes. Gives general atmospheric conditions.
Graph showing the change in the amount of solar radi-
ation during the eclipse.

ID

34T81

KARPOV, A. N.

USSR/Meterology - Fog

Oct 51

"Unusual Fog Over Stalingrad," A. N. Karpov

"Priroda" No 10, pp 52, 53

Stalingrad was covered by an unusually dense fog 27 - 28 March 51. This air originated on the Kazakhstan steppes, over which the air was infiltrated by salty soil particles, and was carried by winds at a speed of 700 km/day to Stalingrad. Dust storms are frequent in this region, but this time the compn of the dust was unusual.

211T82

KARPOV, A.N.

Change in certain meteorological factors in Stalingrad during the total solar eclipse of February 25, 1952. Bul.VAGO no.14:16-23 '53.

(MLRA 6:11)

1. Stalingradskiy meditsinskiy institut.

(Eclipses, Solar--1952) (Solar radiation)

551.546.224
 Karpov, A. N. Drifting lightning discharges. [Drifting lightning discharges]. Pri-
 roda, Moscow, 1954. 116-117. April 1955. 6p. DLC—Two photos of drifting lightning
 discharges during a thunderstorm which occurred at about 2 a.m. of July 9, 1954 in the vicinity
 of Golosov Village, Saratov District, after a long rainless period, are presented. They were
 made at a distance of 15 km from the storm cloud and show clearly the displacement of the
 successive impulse trains along the discharge channel which is displaced by the wind.
 Further notes that there was no rain, in spite of the heavy thunder. Subject Headings: 1. Drift-
 ing lightning. 2. Lightning discharges. 3. Saratov Region, U.S.S.R.—A. N. P.

Staluzgrad Med. Inst.

KARPOV, A.N. kandidat fiziko-matematicheskikh nauk

~~and his colleagues~~
Intensity alteration of radio signals during the solar
eclipse on June 30, 1954. Priroda 44 no.5:113 My '55.
(MIRA 8:7)

1. Stalingradskiy meditsinskiy institut.
(Eclipses, Solar--1954) (Radio waves)

KARPOV, A.N.

Apparatus for determining the speed of ocular movements (ophthalmometer). Probl.fiziol. opt. 12:494-496 '58 (MIRA 11:6)

1. Stalingradskiy meditsinskiy institut.
(EYE--MOVEMENTS)
(EYE, INSTRUMENTS AND APPARATUS FOR)

KARPOV, A.N.; BALANDINA, A.I., otv. za vypusk

[What is koniology?] Chto takoe koniologiya. Stalingrad,
Stalingradskii gos.med.in-t, 1959. 26 p.

(Dust)

(MIRA 14:2)

KARPOV, A.N. (Stalingrad)

Changes in some geophysical factors in stalingrad during the
partial solar eclipse of December 2, 1956. Biul.VAGO no.24:
41-44 '59. (MIRA 13:4)

1. Stalingradskiy meditsinskiy institut.
(Eclipses, Solar--1956)

KARPOV, A.N., kand.fiz.-matem.nauk

In the land of dust avalanches. Priroda 51 no.5:70-71 My '62.
(MIRA 15:5)

1. Volgogradskiy gosudarstvennyy meditsinskiy institut.
(Iraq--Dust storms)

KARPOV, A.N.

Certain phenomena during the total solar eclipse of February 15,
1961. Biul.VAGO no.32:37-39 '62. (MIRA 15:11)

1. Volgogradskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo
obshchestva.

(Eclipses, Solar--1961)

KARPOV, A.N.

Device for the measurement of the rate of rotation of the
eyeball and the determination of the angle of strabismus.

Nov. med. tekhn. no.1:54-56 '62.

(MIRA 19:1)

1. Volgogradskiy meditsinskiy institut.

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 7, p 109 (USSR) SOV/124-57-7-8160

AUTHOR: Karpov, A. P.

TITLE: A New Method of Determination of Shear Stresses During Bending
(Novyy metod opredeleniya kasatel'nykh napryazheniy pri izgibe)

PERIODICAL: Sb. nauch. tr. Kuybyshevsk. industr. in-t, 1956, Nr 6, book 2,
pp 137-147

ABSTRACT: Bibliographic entry

Card 1/1

KARPOV, A.P.

Efficient combination of stripping method and equipment in open-pit mining is a potential means of lowering the cost of ore mining. Gor.zhur. no.5:14-16 My '62. (MIRA 16:1)

1. Nachal'nik Uchalinskogo rudnika.
(Uchaly region—Strip mining)

OKHRIMENKO, N.I., gornyy inzh.; KARPOV, A.P., gornyy inzh.;
KURBANGALEYEV, I.Kh., gornyy inzh.; AMIROV, M.I., gornyy inzh.

Improving boring and blasting operations in the Uchaly Mine.
Gor. zhur. no.6:39-40 Je '62. (MIRA 15:11.)

1. Uchalinskiy rudnik.
(Uchaly region--Blasting)
(Boring)

PANFIL', L.S.; KARPOV, A.P.

Increasing the insulation reliability of the foundations of
metal structures of overhead contact systems. Study OMIIT
41:103-108 '63. (MIRA 18:7)

ZAMURAYEV, Yu.M., inzh.; KARPOV, A.P., inzh.

Effective method for protecting contact network supports from
corrosion. Elek. i tepl. tiaga 7 no.4:16 Ap '63. (MIRA 16:5)
(Electric railroads--Wires and wiring)

POPOV, S.I., doktor tekhn.nauk; POSOKHOV, Yu.N., kand.tekhn.nauk; KARPOV, A.P.,
gornyy inzh.

Basic problems concerning open pit mining of thick steeply
pitchine deposits. Gor.zhur. no.12:9-13 D '64.

(MIRA 18:1)

1. Magnitogorskiy gornometallurgicheskiy institut (for Posokhov).
2. Uchalinskiy rudnik (for Karpov).

MIKHEYEV, Viktor Petrovich; KARPOV, Aleksandr Petrovich;
FRAYFEL'D, A.V., red.

[Contact network supports and foundations; work
practices of the collective of the Western Siberia
Railroad] Opory i fundamenty kontaktnoi seti; opyt
raboty kollektiva Zapadno-Sibirskoi zheleznoi dorogi.
Moskva, Transport, 1965. 63 p. (MIRA 18:12)

KARPOV, A.S., starshiy entomolog

Don't let the potato moth (*Phthorimaea operculella*) get into the
U.S.S.R. Zashch. rast. ot vred. i bol. 3 no.1:49-50 Jan-F '58.
(Potatoes--Diseases and pests) (MIRA 11:3)

KARPOV, A.S., inzh.

Wastes from the Ural mines can be utilized in construction. Strel. prom.
36 no.8:33-37 Ag '58. (MIRA 11:9)
(Building materials) (Waste products)

AGAPOV, D.S.; ARTIBILOV, B.M.; VIKTOROV, A.M.; GINTS, A.N.; GOR'KOV, A.V.;
 GUSYATINSKIY, M.A.; KARPOV, A.S.; KOLOT, I.I.; KOMAREVSKIY, V.T.;
 KORYAGIN, A.I.; KRIVSKIY, N.N.; KRAYNOV, A.G.; NESTEROVA, I.N.;
 OBES, I.S., kandidat tekhnicheskikh nauk; SOSNOVIKOV, K.S.; SUKHOT-
 SKIY, S.F.; CHLENOV, G.O.; YUSOV, S.K.; ZHUK, S.Ya., akademik, glavnyy
 redaktor; KOSTROV, I.N., redaktor; BARONENKOV, A.V., professor,
 doktor tekhnicheskikh nauk, redaktor; KIRZHNER, D.M., professor,
 doktor tekhnicheskikh nauk, redaktor; SHESHKO, Ye.F., professor, doktor
 tekhnicheskikh nauk, redaktor; AVERIN, N.D., inzhener, redaktor
 [deceased]; GOR'KOV, A.V., inzhener, redaktor; KOMAREVSKIY, V.T.,
 inzhener, redaktor; ROGOVSKIY, L.V., inzhener, redaktor; SHAPOVALOV,
 T.I., inzhener, redaktor; RUSSO, G.A., kandidat tekhnicheskikh nauk,
 redaktor; FILIMONOV, N.A., inzhener, redaktor; VOLKOV, L.N., inzhener,
 redaktor; GRISHIN, M.M., professor, doktor tekhnicheskikh nauk, redak-
 tor; ZHURIN, V.D., professor, doktor tekhnicheskikh nauk, redaktor;
 LIKHACHEV, V.P., inzhener, redaktor; MEDVEDEV, V.M., kandidat tekhnicheskikh nauk, redaktor; MIKHAYLOV, A.V., kandidat tekhnicheskikh nauk, redaktor; PETROV, G.D., inzhener, redaktor; RAZIN, N.V., redaktor; SOBOLEV, V.P., inzhener, redaktor; FERRINGER, B.P., inzhener, redaktor; TSYPLAKOV, V.D., inzhener, redaktor; ISAYEV, N.V., redaktor; TISTROVA, O.N., redaktor; SKVORTSOV, I.M., tekhnicheskii redaktor

[The Volga-Don Canal; technical report on the construction of the
 Volga-Don Canal, the TSimlyanskaya hydro development and irrigation
 works (1949-1952); in five volumes] Volgo-Don; tekhnicheskii otchet
 (continued on next card)

AGAPOV, D.S. --- (continued) Card 2.

o stroitel'stve Volgo-Donskogo sudokhodnogo kanala imeni V.I. Lenina.
TSimlanskogo gidrouzla i orositel'nykh sgoruzhenii (1949-1952) v
piati tomakh. Glav.red. S.IA. Zhuk. Moskva, Gos.energ. izd-vo.
Vol.5. [Quarry management] Kar'ernoe khoziaistvo. Red.toma I.N.
Kostrov. 1956. 172 p. (MLRA 10:4)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Byuro
tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Deystvitel'nyy
cheln Akademii stroitel'stva, i arkhitektury SSSR (for Razin)
(Quarries and quarrying)

KARPOV, A.S., inzhener.

On unified technical requirements for non-mineral materials.

Stroi.prom.32 no.11:43-46 N '54.

(MLRA 7:11)

(Building materials--Standards)

KARPOV, A.S.

The road and bridge building district. Avt. dor. 19 no.10:
18-19 0 '56.

(MLRA 9:12)

(Road construction)

KARPOV, A.S., inzh. (Kaliningrad); TERESHCHENKO, V.I., mekhanik
puteizmeritel'noy telezhki (Stantsiya Belgorod, Yuzhnoy dorogi);
AREF'YEV, V.A., starshiy dorozhnyy master (Stantsiya Poletayevo I,
Yuzhno-Ural'skoy dorogi)

Letters to the editor. Put' i put.khoz. 5 no.8:45 Ag '61.
(Railroads) (MIRA 14:10)